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Paped Mout 1826

ON

HEPATITIS

Philadelphia

October 1825 William Ashmead.

HERATHIS

HEP.VIIIIS

Philodolphia

October 1825

Discrees of the liver are most frequent in autumn or near the cornel and autumnal equines, when the neather is changeable and excepting a necessical by sovere cold.

The liver like other internal organs is alcoliable to influent mation, and it is more so than any part of the budgin warm, clie mates, where hepatitis occurs more frequently than in cold counce, bries particularly in the ENVI notice her after a long residence, few stranger from temporate latitude was parthe disease and with large are more frequently the seat of disease in the middle regions so the diversion the tropics.

The inflammation of this gland, is of two kinds, more or less acute and chronic

The former by its active operation and respect influence, unless a suckly enumberated, som destroys the energies of the system. That is a suckly enumber the according proving respect to the chomic forms.

teute, the characteristics are pyrrocia or a fibrile affection, tonsion and pain of the right hypochondrium, which is often pungont as in

HEPATITIS

Descripe of the liver are most proposed in automic in more the server and and automical experience when the weather a change offer send on Secretar experience of a propose section.
The liver of the ellies in terrest cooperage actualizable to inflammation, and it is a server of the ellies in terrest part of the liver and a server of the way of a server of the serve

fig. selven lepetite verse en energiagnes for flavor en elle same.

septimente le factite verse en energiagnes flavor en la servente en elle same.

le serven septime l'employet de totale le le servente de la servente en en elle engle en la servente en energiagnes le servente en elle engle en la servente en en elle engle en la servente en elle en engle en en elle en engle en en en elle en engle en elle en engle en en en elle en en en elle en engle en en en elle en e

the former by the able we open them and suggest and former, our less of the property of the pr

MILL THE CHARACTERISM WE SUPERIOR OF SPECIAL S

plussette but sometimes dutt pain in the dissict and top of the right doubling concausing in typing on the left side difficult supervation, day engly, counting secure and frequently some digree of journalises socials which the efectual character of true inflammation.

Courts. I many of the same cause producing presuments and other reserval conflammations, also excite acusts populate, as a plathered habit and the application of sold to a brily healed orfalgued, whence the two fences amount must could be put to be found to a brily healed or falgued, whence the two fences amount must partie to be fenced and the production of population than of other informations.

The acute species is more often the effect of trapical atomatic and in time summer funts which by their coopies of timelies on the hapatic system through the sympathy of the stein, accelerate the eligish sire extension of the liver and exactly if the which and irregular action of time with a previous secretion and emogracity with imporped bile thus had deranged its functions and there by predispose the organite inflammation. I sum "proposes heat an exciting cause, but fluit ways from attacking classes, and there may be described to the acute, but fluit ways from attacking that were in temperal regions, where cause in ten of the acute, one their immediate emissions to the application of cold. It

Causes many of the same

a high range of temperature acting on a healthy constitution, sportaner ously increases, independently of any intemperance, the cutamous and biliary secretion beyond the natural dandard and debilitates the secre tory capellaries, in consequence of which the perspiratory and biliary score time continue after the cause or necessity has ceased, and these causes them owner to become torpid on the application of edd; the with perspiration and the biliary secretion are arrested, the consequence of which is a temporary obstruction to the free transmission of blood from the portal to the general circulation; the frequent repetition of which is a source of hepatic inflam mation especially in hot climates (The Asiatic and African though in used to the high temperature of their climates, still guard against exceptive perspiration and its too frequent consequence, supprefixer, by hugging the skin soft and unctious and thus maintaining an equal flow of perspirable matter and bile, the latter is proved by the regularity of their bowels and left liability to repatic diseases . Here then we have two very opposite states of the liver and its functions; 1st an inordinate action with increased, the periods gradually shortening; 202 torpor in the vefsels of the liver, with deficient secretion, the periods progressively lengthoning; and in both cafes the bile is viliated.

Intemperance, especially in the use of unous or arden't spirits; though are dent spirite has always been considered foremost amongthe internal exciting causes of kepatic inflammation, more probably it soldom is the cause of the acutes although a poculiar derangement very difficult take managed and often terminating in dropsy, and especially of function, are in a great measure occasioned by it. Choleric or writable disposition in the male sea, is also a wedisposing course, showing the close sympa thy between the montal and hepatic functions. Worns obstructing the ducts; ease, in a military man two lumbrici were discovered, one in the eyetic, the other in the hepatic duct, and others in the intestines, Ed. Among the many excellent preparations of Profesor Gilson, there is one in which the biliary ducts of the liver are completely filled with lumbrici. Derangement of the digastive organis Supprefeed secretions. Redundant and highly acrid biliary secretion from the stimulus of heal, writates the liver and induces desorder; in what this vitiation consists it is difficult to say, in high degrees of it attending a hurried secretion, the bile occasionally a fournes all the shades between deep green and jet black, posse sing, at metime, an acidity which sets the teeth on edge, or more frequently an acrimony that seems to exerciate

the stomach and faces or that gives the screation of a boiling fluid paging through the intestines. Violent operation of emetics, Inflammation Compression. Collections of liquid matter in the liver. Long continued intermittant and remittand fevers, from the repeated accumulation obland in the cold stage; in autumnal epidemic fever after the holest summers, a slight inflammation of the liver is often an attendant and when the fever is removed without removing the obstruction of the livery he patient remains unhealthy, of a pale or gellow waxon colour, languished and is with great difficulty restrict to a sound state of health. Great passions montal emotions or disturbances of mind are frequent causes of externation and disease of the liver; especially the depressing passens, as grief strong by predioposes to hepatitis and cacites it, their first effect is aften felt in the organs of degestion, - along in the stomach and torpor in the liver and in . twines. The food papers into the diodernin imperfectly digested and most with a scanty supply of ill conditioned tile, the chyle is imperfictly diminated, faces accumulate and ropibly formentation takes place with the catrication of air, distrefsing colic and borbrigmisto procure relief from these, spiritores linctures and cordials are used which frequently lead to more dangerous indulgences and increas the malady they were

intended to allowiate case, by the neglect of the captain of a gun, it discharge ad, while two men were in the act of loading it, both had their arms Hown away and were otherwise dreadfully shattened and one died, which produced such remove and grief in the mind of the captain that he was immediately seized with hepatitis, though he was in the prime of life and health and in a few days he capired, The the liver, like the lungs, in Europe, being predisposed to discase from the general effects of the climate, outfire readily and olviously in consequence of the downsympally between the liver and the brain, which is strongly il-Instrated in hot climates, Various calculous concretions in the sub. stonce of the liver; sose a hard stone was found in the substance of the lives weighing by, without attackment to the pore or ducto though such rawly neur, Rush: chalky friable concretions are found especially in the liver of stall fed cattle when living on dry food without exercise, but they cloaps pear when living on fresh grafs and taking overcise, since they are not found in the spring; large calculi in the goladder; steatoma or a scrafe about state of the glands, case had a scrofulous neck formany years and after death, the liver was found withered on the outside and full of gland was tubercles containing a substance like jelly and plaster, the liver was

¹ John on the Influence of Tropical elimates page 387.

mlarged and double its unal weights these calculi, sairche . 5; by long conpapering the contiguous parts, obstruct the free carculation of the their temph the lover and worse pertacum and cour present the respection of the late already opposited and are obstruction being the opinion, any exciting came will produce inflammation.

Exciting causes are either external or internal. Partial applica tims of cold or net or sudden and intense cold introduced or apple ut, from the air, bothing ordrinks by filling the stomach suddenly with cold liquids, especially with ice water, during or subsequent to being in a great heat or overfaligued by violent or unusual enercise; then are the exciting causes in Ip of the cases that occur, except when produced by external violence or falls, especially such as occasion frac ture of the cranium; case fell about 12/4 and struck his right side against aladder, he had more or lop pain, though no attention was paid to it for several months, when violent hepatitis arese and terminated in upperation and death Violent exercise. High living And lastly the acute is often induced by chronic inflammation. Sudden vicio situates are highly injurious to the system in general and to the hepatic in particular. Yet an annual change is eminently beneficial in relien

Exetting carses are either enternal or internal. Partiel applica

the hypatic system from exception action and in tracerythe white faint means by previous halls. It soften price inflammation of the liver is querily preceded by empotion.

Inputoms. Hopatitis generally commences with most of the ordinary symptoms of risceral inflammation, rigon, some degree of thivering or sense of chillings sometimes so slight as to evade need lution with paleness of countonance, shrinking of automal parts and small, quick, contracted pulse, evincing a cold stage of ronous ingulion; succeeded by considerable fiver and this subsequent reaction will be in proportion to the cold or chilly stage; increased heat and dry not of the shin; considerally active pulse, strong, full, hard and frequent from 90 a 120, rermanent and pungent pain follows in the right hyper thondrium, in obscure cases sometimes in the left or in both near the Thine, though sometimes it is dull; it is also felt under the margin of the rite shorting towards the back and ascending mostly to the right class de and shoulder blade, whenever this occurred it rendered the nature of the disease very certain," Cot, but it seems to be produced by almost any morbid excitement of this organ, as from the obstruction of gall stoning Esthough sometimes it is in the left shoulder when the left labe is affected,

Thunder on the Liver page 293. + Tilark on Fevers page 59. 1 god to thirty of Medicine page 29.

Imptoms Z

when the pain is violent; the patient can not be moved without conuderable uncosine for it is considerably increased by prefoure on the region of the liver and often extends high into the chest and darting occombles planning and as in this complaint, so the pain frequently is increased from deep inspiration; these symptoms resembling them of pleuring and other inflammatory affections of the chest, are liable a midead the unwary practitioner; frequently pain exists for some time in the vizion of the liver before the commencement of yever : some times the liver is perceptibly enlarged; cough solder appear immestately, unless the disease is conjoined with an affection of the lungs, prepure on the part exists it more frequently and it is more fre quartly dry than humid, the latter arises from the general inflammatoof diathesis causing an increased sceretion of the mucius membrane of the lungs, the former from the inflamed membrane of the convex surface imitaling the diaphragm; when the cough is loss and and expectors tion abundant, it may diminish the inflammatory diatheris and materially a faist in promoting resolution: oppression and difficulty of breathing, wouldy quickened and sometimes painful, difficulty Higing, except on the side affected, but when the convex part of the liver is

affected the patient sometimes can only lie on the left rice , occasionally Papalient is unable to be on either side and experiences most relief lying on his back a little inclined to the right with the upper extreme the considerably raised: the stomach is sometimes calremely with ble, nausea, sickness or vislent relating, often with a rometing of bilious matter; great watchfulnes and occasional delivium; less of appetite; eatience thirst; tengue dry and generally covered with white or yellow fur, catending to the mouth and fauces; dejection of operite; sometimes biceup; bowels irregular, often obstinately costive or a diarrhea and the does of a clay colour showing an insufficient intermixture of bile with the storts, but sometimes a superabundance of it is thrown into the primae viae occasioning considerable detangement of the ovacuations and a justed by somitting and stool; bilions flux is almost pathognomonic of tropical hepatitis from the great irritation that provails and as the gorged repols are apt to give way from debility the flux is intermixed with blood; (Towel says he never saw a case of increased beliary secretion in hepatetis the wrine is searty, often tinged with bile or of a deep saffron colour and a general attendant on both acute and chronic is a heat or scalding in making water, which seems to be occasioned by the papeage of bile

44 n scappe.

along the wrinary organs It sallow countenance, sometimes a yellowish hat of the conjunction and occasionally actual journaice, in most cases of estual inflammation the secretion of bele is increased, though its passage is juguently impeded and thus jaundice is not unfrequent and arises from the ble not getting readily into the common duct from the inflammed liver prof. ong on the pori biliarie; from mechanical causes, as concuspion the biliary serction is more affected than from causes in general; although the yellow sufficient of the eyes and skin indicates obstruction, its absence is no proof that it does not exist, because when the investing membrane is the point upal seat of disease, the secretary office is not so much disturbed as when the pronchema is a ffected, and inflammation of this organ often occurs without any such symptom, but even when journelies exists it is not a distinct symptom of hepalitis, as the faces may be light coloured and the eyes, thin and wrine peace barly yellow from the prefoure of an indurated pancreas on the bile ductor the appearance of the blood is remarkable just before it coaquelates, when the red part felling to the bottom and the buffy coat not yet being formed, it oppean of a dull green colour and the same takes place in joundice, smetimes the blood first drawn is not buffy even during active in-Hammation. But in tropical dimates There comparatively

[&]quot; Faithhorn on the Liver page

We of he confirmation and version the which priviles when is now affected than from amouse or governot; attracted the solver

uldom seen violent rigors, high fever, hand, quick and full pulse, acute pain So, except in those lately from Europe or within 12 years after their arriv gal and of such, these cente symptoms will be confined principally to the gung, robust and plethorie; but generally in the tropics, the disease approaches in a more doubtful appearance, though equally dangerous and often oun ning more rapidly to suppuration and in a few days it would destroy the organ and life, unless shiffely checked: the primary symptoms indicar tive of the inflammatory affection, are often very elightly marked; the pain felt in the right side is not constant or acute and the patient takes little notice of it and if asked he mentions he has a slight pains occasionally about the pit of the stomach or right side and it is only from observing the recordary symptoms, such as flux fin tropical climates) or a short, dry rough and pain at the top of the shoulder today a sonse of weight or uncausely about the apigastrium or from Julies and oppression about the low or part of the chast or from tendernose on prefing the liver with a little force with some yellownofs of the oyes and countinance, that the state of the disorder is to be ascertained, and which constitutes the difficulty in the manage = ment. This appears to be a very accurate description, excepting the flux and ready tomination in suppuration, of what is also, often, observed in temperate regions.

sogre greet if you life it if it stocked the price on of a graph and with

Implied hopaldie parlake more of informative sengestim and intrinsival but in temperate clurrates it partakes more of extine inflammation like. Hat of the lunge, haves in order to induce acute hipathle it is siscapearly that the lune at the time of attack, should by at least, in moderate health and viges foods altidy of Medicine page 262.

Inhepatitis as in all other diseases, the symptoms are not always of the same degree of violence and in every hepatic inflammation the symptoms are more or less severe according to the degree of sensibility of the part affected. When the inflammation occupies the concave inferior part which lies contiguous to the stomach and duodenum, the functions of the stomach are more disturbed, commonly from some inflammation being communicated to the stomach, producing sickreported thing, vomiting, hecup, great thirst and other symptons of gastritis, are here more observable; or as this part is supposed to posuf little sensibility and where the substance of the liver is primarily affected, the pain is more obtaine and fixed in the region of the liver or is referred to the back, the breathing is less anxious and the pyrenia is far befault, especially at first, but the pain and fover will increase as the inflammation extends to the membranes; the inflammation

be welding, conting meny great thist and the egent tou

on the concave severface many also be reactedly acommunicated to the gall dusts and hence more reactedly produce journaire, and Callen suppar at the affection of the concave part, is the only interpath is hypothes attended with it. Then the inflamentation occupies the rejector converse part with its particular acommy intelegraments, the pain is asset in the region of the liver like pleaseids and a much increased by external profuse and the form is more initially contiquently appearantly droughours or if the perturbation, more immediately contiquents the displanage is affected, the decrease is apt to extend to it and receive very influent and peace in the third party pain is affected, the decrease is apt to extend to it and receive very pain in the therax, calending to the human fue and classical of the affects had.

But mostly the symplems present and in the sensible enlarge ment of the passenchina of the hoor influencing, by distinfun, its investing mean brane, occur lite coastly these peculiar temain-brane inflammation. And these symptems characterizing the particular part officed my Delan characterizing derivation dering a possible of many year in the Hadis in England, dressed another me tessy are unequivered as represented by revelogisty loss a verman

actifo muscular and sanguine was suned with symptoms indicative of inflammation of the concave surface and the liver appeared enlarged, Impurated in the convex surface and discharged externally, and som pre usual health was restored, a small fistula remaining for one year when in a fit of meezing a gall stone ! inch in diameter was discharged thealed and the lived several years. Proch. It is probably, the acute species is an affection of the external part of the liver while the chronic is of the substance of the liver, " At the acute is of the extreme ties of the arterial or neutrient vefeels and the chronic is of the veins or secretory refects, yet so that one may easily follow as a consequence of the other? 25. Though there is no evidence or probability of this last and the former distinction is merely conjectural a. But Saund Supports this dioline tion by supposing that as the living power ovenergy of any organ is , coeteris pariseus, in proportion to the arterial blood circulating through it, that there is something in arterial blood that fits an organ for active and organous purposes and by far the greater portion of blood passing through the liver is versous which is left fit for active purposes than arterial, so then are grounds for believing that chronic inflammation of the liver is, of the wina porter: and the acute is of the hepalic artery. But as

William's Practice with Sect 417. Saunders on the Lower page 3th. In workers to minimize on Boestrawe's aphonisms 915 apho

column and surgeine was simed with specify a derrie is of the enterine of the liver. E. the south a of the extense The blood obstributed by the branches of the wone porter in the liver must be so far exhausted as to be incopable of all the was accomplished by asterial blood in theorytamis and although the wone ports be peculiarly,
asterplad to secrete bile, it is not as pable of supplying the wistered energy
to the substance and nefrels of the liver, said is necessary that arterial
blood to send to their gland through a branch of the arterial system and
this lifeer on ful like a linded accorn paness the greater, the view. Nor
Morning, that arterial doord neurishes the organ and legither with

the names expected it actions and that the venous blood is movely the pabulium of its secretion; it is known. That, in the same proportion, the scaling of party part it increased, so is this support if vital energy more abundantly supplied to such part; so me increased action can take place in the secretary aspillaries or the minute continuities of the wene portion any part of the long with out a corresponding change in the actional or metriant capillaries of the same part on whose support all increased action, much depond; so these are the agents by which the liveor performed functions and is supported in its action on the venero blood of the polar system: home it may be concluded that no increased or allowed action or in-

tte agentertynd all the eveny bolly was de prochen som ken eerf. 24 m. hestelses om til versensklad of til politik ag blinas beend. 24 in eenskakel Het na versonsklad op te politik om een in Hammalion can, probably, occur in the secretory capillaries, without an increased or altered action or inflammation in a greater or left degree, in the arterial capillaries, in conjunction with an increase or diminution of nervous energy; it follows, every inflammation of the substance of the liver, whether acute or chronic, is an affection of the minute atremities of both sets of refels, the hepatic artery and vena portarium. Diagnosis. The great sine of this organ, and its contiguity of surfice too many other important parts and the seat and kind of pain vary is considerably as often to occasion some doubts as to the real viscus appeter The diseases which are mistaken for pepatitis, are perspeciency, gestritis, rhoumatic affections of the muscles in the neighbouriery parts, sometimes nephralis De; sometimes the least prepure under the man zin of the riles, will cause encretaiting pain, while in others, as was the case of Johnson, the seat of pain and ulargement will be in the contre and even to the left of the epigastrium.

When that party the liver, in centered with the displaying in, is inflamed, the committeest anyth and pain on impersation, yet in make it is spould his strugment has the partiest from inflamme time in the there and have been partied in the three and have been partied in the strugger of the form of wangs more the

Tohnson on the Liver, page 63.

Tiagnosis. The moderne of the

the seat of disease, though in most cases it may be needily distinguished from pneumonic inflammation, by the cough not being so stook in hapatitis and being generally unaccompanied with expectoration and generally sucedding not preceding or everal with the pair and fever in hepatitio, where as the cough is generally, zoeval at least, with the pain in pneumonia; I never knew the cough to take place within 45 ha after the pain, when it is very common in popalities Port and a gradual and deep inspiration will not augment the pain in hopatities as much as it does in preumon nia, nor will it produce as much cough and the tendomop on gentle prefune under the margin of the rils of the right side, will be more servibly felt or increased in hepatitis; and by the pleuritic pains being lop vislont and in hepatilis bonding to the right causes pain, in pleurisy it does not; and by the lof degree of dysproca, by the sallown of of the counterance and by the pain of hepatitis colonding to the shoulder, this and the difficulty oflying on the opposite side as it occasions pain, when in preumonia lying on the affected side is most difficult, are rather fallacious diagnostics of hopealities for in some violent hep: inflammations, these is napain in the shoulder and the easiest posture is on the back. Still it is an important fact and should always be remembered, that generally the hepatic lies with most case on the

⁺⁶ R Pemberton on the Abdominal Viscera, page 20

side offeited whoreas the plu ritie less with most ease on the opposite side. From inflammation of the stomach or <mark>gastritie</mark> this disease may most

be dislinguished by the absence of quotic musicality and that invitabilisty which would gaderitis acalangumu and dislocking, by the heat and juin met himsely increased on taking anything into the eliminal problem as then each which are then each meant by the eliminal being ablate retain the liquids and wretering encoured into its without immediate rejection of them, by left proceeding of elimingth, and the flowest symptome in higher the problem of the house of the elimination of the

It from questrated

The following are motived as distinguishing inflammation of these or you from spaces of its beliave during although is secure sandful, if —
passe of its distit to over asself, as op it is to a tronsmation of the hopetic
hate in the discoveries. For moon of the beliave during occasion
at by impacted calcieb, hapatitis may madely be distinguished by
the strong febrile cavitament and other coveries taxines at the beging

information of the toward or patricted the since

by the pain being permanent and then being nauses, by the frequency of the pulse, being a powerder of 100 and by the patient always preferring to keep the body in a strait quiescent postern, who was the greatest ease in spaces of the by till is obtained by bending the bridgy forward on the kneed through spaces of the bile by deals often torninates in influence of the obtained.

From Museulan pain, this being accompanied by little or no fower indiffused and frequently vermoves from place to place and is more in fluenced by every posture of the besty, and it generally alternates with phesens pain in one or more joints of the body.

Also the state of the brooks will made not is judge of the muline of he paties from most informating states of the twee particularly of it familiar themselves, the benefit are sometimed or in a state of dynamics in included in in a state of dynamics in included in including above individual and associated the appearance of the faces and wrine always individuals a guater desaugement of believe secretion; there in inflammation of any sometime of any sometimes. The laterities at province though common is among your other interval inflammations, is passed that of the laterity is in that of the liver without also is among particulated of both in accute and chromic than in any other spaces of inflammations.

coupl of the brain, thus protectly varieties, partly from the sympathy, can sing between these two again, but principally from the surpaisance externagement of the beliany secretion which courts a possible via fluores on the montal functions.

But at the very commonsement of souts hepatics, it stagmens from inflammation of may contiguous part, is not of material emorphisms, however the speedy contraction of manufactures with many agricus verseculiar. So, is of primary importance in each. Though a steernards it is emost of the highest importance from he and the distinction, and in hot clinical its absorpt important to directly its activities and y.

Examination of Ingredient ria. The provent is gave strait abinter to the hyperheusters and efence mechanised it than the pulse.
I very nice communition of the liver, a newspary before can expect
with dear from or pritty telerable a forecased to envelow that there is now
what present of withy alterable aforecased to envelow that there is now
what word hardened from any cause, or secretary it hard margin class
words used to be felt through, the abdominal mirelas under the bordworf
the bast and this volungement and conveyent closest of its idea, is
were easily felt by gripping the intiguments as foregrains to be for the

acute edge of the liver, while the patient is made to stand with the body flexed a little forward, supporting himself with his hands to prevent to prevent the contraction of the abdominal muscles, thus directing the gravitation of the organ to the place where the hand is applied, or by propsing with the finger under the rits while the patient lies on his back with the knees elevated, by this means we shall be sonseble of the claricity and softness below the liver and the resistence and firmness of its margin. The left lobe is as often diseased as the right, but it is more difficult to be ascertained by examination. Nevertheless the depression of the diaphragm and emequent protect sion of the liver from disease of the thorax, as xerrhus of the lungs, gives the feeling of hardnep and enlargement of the liver; again by suppuration of the lungs and consequent vising of the diaphragm, the liver is sometimes reclevated as to be further retracted under the false rile, but in sases of accus mulation of liquid matter within the lungs, the liver mostly descende considerably below the hils; if the accumulation is so immense as to fill the whole right easily and distond the diaphragm permanently, the liver which is attached to it, will be necessarily purhad down ward, but it happone that all collections of fluid as by their prepries affect and diminish the expanse

of the lumps without these consistency to the classifier of the high municipanshid on employed an expectation for the classifier of the displangue and consigned from the consistency of the charge and consigned from the consistency of the charge and perbaddy from the error hard, the work in parts the principal seal of the discovery to the underlying and was planted and parts in property to the principal seal of the discovery to the manual time and another and the administration of the principal seal of the administration of the control and the administration of the control and the administration of the control and the administration and the administration of the control of the administration of the control of the administration of the control of the administration of the control of the control

Seconosis. The whiley of this is pointed out by fill specialise.

The positioner process and freelds what patients will experie and
which of them, will success he will be much better able to preserve these
that are recoverable and in the nems averits he will keep clear of
basis, and he will descreably make all persons admire him and sertion, him a great physician."

mornes is a case of the contract of the contract of

Favourable. This disease is seldom attended with fatal consequences of an immediate nature. If the disease has suddenly appeared with out any previous illness and in a healthy strong constitution and if, on drawing blood, the buff be compact, firm and spague, it is favourable; and where the symptoms are severe, there is reason to suppose that the disease occupies the membranes, the direction is often short and the termination is mostly in resolution; the disease is sometimes carried off prouvably and sportaneously by hacmorrhage from the nose or has morrhoidal seins; by universal and free perspiration; by bilious diar those about the 3,5 or / day; by copious evacuation of thick wine depart ting a copious red or white sediment for some days ; in some cases by a great increase of bronchial secretion together with other source ations, and it is not improbable that a superficial discharge of coagulable lymph, may be favourable, though afterwards forming adhesions; and in a few instances by crysipelatous inflammation of some exter nal part with an abatement of symptoms, following these critical ovacuations, the pulse beingless frequent and the general strength not materially lovered by the romedies. They frequently server where the liver has been much enlarged, through with violent and continued foren

get not distinctly heatic". The Clark on Fevers page 67.

Unfavourable. When the disease crops on by degrees; the patient is maciated; the buffor drawing blood, is transparent; jelly like, streated and greenish; the most unfavourable symptoms are the general strength nuch expansion and lovered by the venedice, at the same time the pain and fever continuing equally violent; when the disease occupies the passenche ma, it generally lends to suppuration; heavy is a bad sign; intensity of fewer and pain in the hepatic region confined to me spot and there increasing rap illy for a few days, full and frequent pulse, consider a ble heat and thirst, dry thin, stortinate constitution of request and severe rigors, denote the approach of uppurations though the suppurative symptoms are not always very obvious. A dimenution of pain with weight or heavings, a sense of pulsation or throbbing and oppression or dull sense of uneasures instead of pain, succeed ing in the right trypochondrum, especially when lying on the left side, Jule more frequent, an increase of the ovening paroxions of yever, qual think; transpient glusher of the countenance, succeeded by repeated and secret rigor or unpercodical shirtnings, sweats about the face and a proporatly to profuse right meats and other heelic symptoms, show that it has absolutely taken place: in many cassifluctuation is very

Uniavouralle. a soldingthe world faller of free and were way as show the wo

apparent. Where hectic fever has been distinctly formed Thave never seen a are recover without the matter was wacuated Olik, Sometimes the pain sub. sides very suddenly, violent and continual hiccup succeeds, cold extremities, unddon paleness of the whole body, low fluttering pulse and deliquium or sudden and exceptive lop of streamyth, denote gangrene.

Treatment. The general plan of treatment is all that can be delineated, but the adapting it to particular cases must be left to the discretion of the physician. In every case of acute hepatitis, in order succeffully to combat the disease, we are first, during the inflammato ry stage, particularly when the inflammatory symptoms run high and endanger a termination in suppuration, to check the general exidement of the system and the local inflammation of the organ, as much as possible, by redgidly enforcing the means of counteracting inflam mation and strictly pursuing the whole of the antiphlogistic regimen; and to derive considerable benefit from this, it must be done early in the disease, before the inglammation has advanced beyond the probability of resolution. For the disease is obstinate and usually rapid in its progress to suppuration and salls for practice of the greatest energy.

No season this for counsel or delay,

Too soon the eventful moments haste away!"

And the more prominent part of the artifichlogistic plan, is venesaction.

Bloodulting. I blad to relave the privile symptome by lepuning the inflammating congestion of the liver and portal circle, to lover the time of the constitution, and thus accelerate the offect of the privile pale semanty and is for ther both of these several done of sattantia were also given the three beading on particular may be carried, in a five investigate, to an extent wat converse and searcely wat reached in other emplained. Even a restrict and converse and searcely wat reached in their emplained. Even a restrict and converse spill privile safety and advantage fail. The best means often fail from the inset fails and provide a filling and polaries and their engine from inflammation here, reglected or ill were.

Survey bleeding. There the constitution and admit anothe symptoms our high, the pain autit probe full and drong fibrid has anothic commission of the pain autition of a strength of the constitution of the constitution application and the constitution of the constitution and the constitution of the cons

[†] Chaldwell see Caldwell's Cellen page 286.

Modletting. Jean

degree of fever present, to its affects and to the circumstances of each individ val case. For, topical inflammation demands for relief a sudden effect on the system and is not in the least influenced by a slow evacuation, though the general strongth is much weakened, which is greatly to be arrived in discase requiring repeated evacuations; it is important, therefore, that the origins hould be sufficiently large to posmit Zing to flow in three minutes and iflinger time is recupied in the craciation, the benefit in accite hepatitis, may be expetted to be left, no benefit at all or even injury may be sustained; and thould any accidental circumstance prevent the full flow, rather open a seemed voin. In warm climates bleeding may be used in greater moder ation than in cold. The is always better to take away at once a quartity propone limed to the age and tomper timent of the potient and to the degree and extent of the disease, than by repeated small bleedings which only suspend for a short time the increased action, without affecting that prompt check which is ne reparty for overcoming the disease. That it seldom will be necessary to repeat the venescetion, if it has been carried to a proper calcul adjust.

However the preposed of reputation, well be attermined by the symptome that being victors a not one material voltey being obtained, the pain continuing qually auto, pulse have and prepared, by the effects of the province



blacking on the pates and the manner in which it was beens by the system, and by the briften the black after having been descen each on it is also problem of them way compared to write a major of and provided them way compared to the other of the pates the pates the pates the part of the increased powerfy the correct obtaining a large questly should be detected to define the increased powerfy the correct obtaining and provided the patestraph who is increased powerfy the correct way and before and provided the patestraph area to deligative may the of correct patestraph of the items and left to the judgment of made or patestraph of the foreign which are to the patestraph of the description of the design of the description of the patestraph of

But if the blood, after having hum his aboven, have built of a glad emerges, a semiclosure parent and grounds, addressed blood or a brished planness to be shown to be bushed to separate blood on granted the bushed to separate blood or granted the bushed to separate book. The patient among woods about the after the first blooding bushed which the bushed the bushed bushed bushed the bushed bushed bushed the bushed bushed

Should the inflammation spread widely over the peritoneum, know

^{+6 &}amp; Semberton on the Abdominal Viscera, page 25.

by the patient's vising analise to almost his class, midliout anothering considerable accessingly and by his learning forward to diminish the tension of the abole muse the blooding must not be may leaded, never what another had a must be new justed frequently, at me distant subserved, if the discover have six pand to guided from it a very vision of the above he aire disposed to guided. You is a very vision of me had above a property file almost a not the very vision of a whole of englished and allowed to past, the formation of all or more discovered which all our being und presenting can, never actively and accommodate which all our being und presenting can, never actively

Secol Meding. Ohe the same time, after a large and general thindring the mode and provide the should be had be impedial displation from the affects part by copping secont the wayser of the large and in million of the this singular surpring should the improved waverlar action continue unabated, it should be reposled. Then there is an objection to emproug leader maybe wishelated and the bladway encouraged presentation but surpring in profession to the bladway encouraged presentation and the bladway account of the statement in a shorter parent in a shorter and in a shorter parent in a shorter

Some disapprove of blading from the system in this disorder and recommend only drawing blad from the neighbouring parts by will technic continue and was about my and mark trades

lacks, scarifications and expring the the millimense when naidlended with pain and pryocuse or when their idef power in the system or the sisce has followed a had inter or condition from and the patient is more quality in a cachectic state, then loved displacem may be enficient and professions.

The general and local depletion should be carried to the extent of re

liver with lef inconvenience. Large and asternial blocking into most investigation over the liver with high inconvenience. Large and asternial blocking into most most interference of free field and prairies blocking general and load, without abatement of the symptome in emograeme of these mans, or the pain stell arctioning though more obtains, a large blocker applied on the affected part strongly corporate with two vacus of these way in attempting most store, a large blocker applied on the affected part strongly corporate with two vacus of the local train in the rich. That should it is inclined to head to originally or before the descript interference as obtained, a fresh me must be applied. And should it is inclined to have been applied. And should it is inclined to be a problem to the vaccinety of an implanting. But a quick succession of the large in the vaccinety of an implanting organ, prevails more over the inflammatory after that is that a long pretring

+ on the Liver page 24

disharge from a single vesication by stimulating outment; and from caprime Ican not to stronly recommend this mode of application Bertain by where the disease occur in a debelitated system, judoe small, after judicious Studing regulated to the sometitution and the symptoms and active purging Mapain Still continuing but more obtuse, tendornap and Julnef yet remaining, frequent blistering will be attended with the most pleasing of ficts in dimensioning these symptomaland from somelittle experience I suppose that their application should be in quick succession and not entinued on so long as to render the blistered surface so raw and ca corated as to increase very much the irrelation and gebrile excitement of the system, especially if it affects the winary organs; to avoid these and especially the agonizing effects of the last, where there is reason to ap whend its occurrence, the blister should be removed after 5 or bhas or before the cuticle has been broken and a bread and milk poultice applie ed over the part, this will be attended with a plentiful discharge of serum and it may be 20 or renewed, thus the discharge will be fully equal temphat is produced by a blister after its full period, without pro-Swing as much yebrile irritation as a blister during its operation and the discharge thus produced may be continued to the processful a fistence

⁺ Laundars on the Liver page 315.

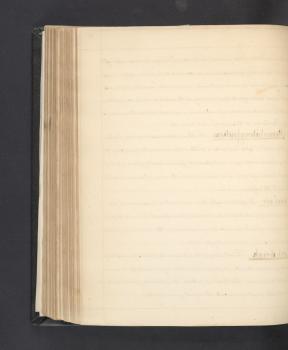
in the reduction of the general excitement. It large blister wer the affect of part repealedly appeared to remove on about the inflammation overal stronge relieved the pain in the side and shoulder and the engls, and and shoulder and open for exception and much below effects than bleeding, as the extent to which remedition will be carried in overal division and in relaxed habits sidden procured who floods on the Sixassi of India, page 115.

which that is on the Beaucher Coulin page 115.

Simulating rictions. In the milder cases or whose this teringulgitud by sple temperature or the milror mureatic principing goa day seas to keep up a mobification of first, investing of wind, but if
yout tous map of the side court perhaps the action of freiten would
mereare the inflame mation.

Cool air. It gether with these more active measures in the surveine of a strictly and phologistic plan, should be seened the free admission of sool air into the apartment of the each soung careful not to check any perspiratory families.

Good drink Theyst should be a founged by opinion quantities; cotting values drinks, impregnated with negal axide for it is now make to suppose. We there in Jobsels complaints, if not constant by relieved, will aggravate the cointing symptoms.

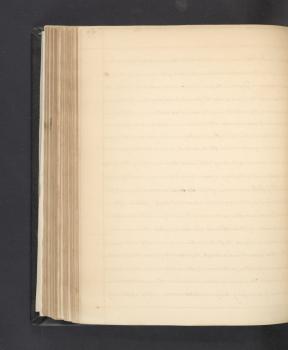


Digetable diet. The west for vegetable or generalest, estapered and the weld for inaccar in a then year, is strongly to be enjoured at the commencent and by me means admit, but complying being generally in a condition. It proposed for ingrene continuity of how generally in a condition all proposed for ingrene continuity for process force all food in indicated into the stomach our and by a fellinest distinction of the good onto the stomach our and by a fellinest distinction of the good onto the two accounts of the good onto the laws and by a fellinest distinction of the war and which the west on the laws and distinct the three on the laws and distinct of gently administratory of according to the process of playetim, light necticional to the cyclem.

Surprises or consulpring the beliarly ducks should immediately follow bleeding for however expedity the line of the whole eyer tem be browsed by large and opposited bleedings general and load, while in consequence of the position nature of the hopatic consulation, within a consequence of the position and elber discover of the how have a position and elber discover of the how have a position and elber discover of the how have a position and along on the sound requires to be host measures of cities on the position and along on the line and the position of the position and along on the line and the position and along on the line and the position and along on the line and the position and the position and the position and the position and along on the line and the position and the

& tak Mati

system and of the liver in particular; the thinner parts of the fluid being taken up by the absorbents, during this state of the organ and the more visid remain garged in the port biliarie and encortary ducts. For in those cases the liver is like the female breast gorged with blood and stagnant milk, which may be teached ad libitum, unless the lactiferous ducts are evacualed of their accumulated contents, suppurar tion will result, but the inflammatory action in the breast often subsides spentaneously when these distending and irritating causes have been removed, by doing little more than omplying the last of would due to and repeating it from time to time: so in hepatitic unless the biliary ducts are complied of their depresend secretions, confined by the inflantalong state of the liver, there is a hazard of abrech, chronic inflammation desorganization in this viscus. Occasionly in acute hapatities, a hurried sessition of ill conditioned bile, does take place. Ford even when the Junation is restored, the fluid secreted is very unhealthy at the beginning On this account and to obviate the probability of present suppuration or chronic induvation, endeavour by all available means, as soon as popio be, to reinstate the biliary secretion and relieve the general distention of the liver, by omulging its accumulated secretion which is of primary



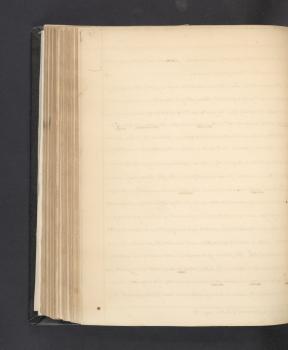
importance and should always be kept in view. And

This weed is facilly by powerful load and general blushings and pass builtedy by paying attention to such anodicious as at me asken the billing again and on the whole line of the intuiting power in purging two dystesee to attained, first to reduce the potential of the probabilism and mondify to fee the believey tobes and witness by the secretary junction.

Theorefore, prescribing sain lathartics only for the purpose of producing many ignide executions without wildshim as they have deals effect on the orifice of the control of the liver and set chiefly on the mine was glande or cohalaste of the stom schand interlines was reverse. Sell by their increasing the interlinal secretions and producing liquid variations, they discort the distormination of the oriflament against Marca, the more wasterned to the continued against Marca, the more wasterned proparations are as well secretized from the secretized or more ful influence in continue are as well secretized or the form of the interceptant of the way as that they augment the flow of the interceptant of the transposition of the transposition of the transposition of the interceptant of the catherine of the wasternials on the biling position a sensitionally weatherned or the biliney gland.

and full cathartic effect thomselves or are pointed with other purgatives that heavy thou through the bowels.

In the mean time, from this consideration and in aid of the preceding remedies, it is highly expedient thoroughly to clear the alimentary canal and to peop it perfectly open by goulle lavatives : first by expious purging with caloned alone or combined with jalap or compress, who colony the as your in addition pulse antimonialis and opium, followed by jalap, oil or strong infusion of serina with salts or other catharties, administered from time to time, which frequently procure copious discharges at first very different from natural faces or healthy bile. Or after thoroughly evacuated, calonel grip, rhoubarb group as grif, and occasionly a done of wholebarb and ipeace or claster and for the first few days along with the morcury may be given a few cooling netrous powders form ed of nitre, gum seas and ctartar, especially if there be heat thirst & pyrexia with a view to abate these and render the specation of mer early milder, lits. The following answers in most cases to evacuate the bile and clear the intestines By Julph petach of , Compressor colony outh gos winj, calonel grx, ol: carri gttij, die in eight pille, two cory seems hour tell the bowels fully respond, taking after each dove 3 table spoons full of



the infusion of senna zief, lind senna 3 for tind jalap, mag sulph 3, syon res 3iij, aqua piment. 3j Mft. Some profer the cooling catharties early and freely administered, as a strong infusion of sonna with nearly as much salts asik will hold in solution, to procure daily / m 2 wacuations, constitutes an excellent purps, especially intermediate to the moderate use of calomel or in aid of the more wird catharties; after having freely operated, it may then be exhibited in smaller does, every 3 mb his, to keep up, by their stimulus, a free executation from the bowels of their secretions and present distention of the inflamad viscus. Saundan says, the saline cathartics exhibited in a very dilute form are lep liable to offend the stomach and produce nausea. But for peop ing a due astron on the liver and digostive organs for sometime a fter any degree of active inflammation, small does of calomed, artimony and some withartie, as colorynth will be exceedingly usful, and their sporation should not calend beyond was motions daily, which when effectual will be succeeded by agreeable sensations and freedom of spirits, a mue oritorion of a salutary influence on the liven or after the move active, the milder means may be employed to regulate the secretions of the bowels and skin. Calonel givin, nit potash rij, puliripecas:

utterstantinung, gandetsjj. die in pularie, na everyste in havey, ood ter after each, dan, take stekspoorer full of enagoutph, 30% liguer soon ach fij sye va fir, agua dielil. 30%. Meje.

Societions. Occasionally moderned injections to favour the operation of pathables or termilized to gripping and tincensus, may be beneficiable which we will not be present askirbition of an theories the patient feels a strong assertion to them who irribability of flow ask, sujections may occasionably be substituted and in some instances the patient will say with far more rediction.

And very discharge from the soverle much is exceptly repeated, it shaw were information of the charactery the secretion, and writtend their providing of information of the highest importance and of affortial interest to the weetfare and security of the patient. And this inspections is required in all hapaths alots Mean by these remealist, the inflammation has been materially abouted, the pain still emicrosisty when by these remealist, the inflammation has been materially abouted, the pain still emicrosisty but more obtines, as in other incommatery complaints, further and may be given to dimension.

diaphoresis, particularly by nauseating does of tart antimony,

Injections of

to which may be joined nit polash, Re saline draught zife, nit polash gross to chardiniony got, syn 34, most for a febrifuge draught, with the plentiful we of mild diluent and cooling liquids; afrieled by the pediluvium; and the warm bath, if the skin continues hot and dry and the pain in the hepatic region severe, may be proper; the warm bath algorge, partie Marly when considerable fover axisted, and James powder attendering There used with attention" Usk. "There evidently derived more bene ofil from formentations, exitherms and the warm bath than from blistoring. A large piece of flannel folded and voring out of hot water was applied over the abdomen and renewed when dry, which was rapped over by a valico swath surrounding the body, thus a moist and steady warmth is obtained more easily and continued with lefefatigue to the patient or danger of giving cold" Good's Study of Medicine page 263% This refrigerating treatment should be pursued with such variations as the irrumstances and progreps of case require, for about one week or writel the inflammatory disposition be wholly subjugated. If after proper means the inflammatory symptoms do not abate, suppuration may be apprehended, execially if rigorattend. Mercury Soute hopatities may be sured, on its first attack

+ J. Clark on Fevers page 70.

or of general roll " Could be Studies of Mich

without respect to the fature health of the patient but merely regard to present relief as pneumenia is as it reactly yield in worthern climates to the vectorary means of deptition. But the invest means of graviting against future devangement of function and structure in the important views, is to restore its natural and healthy working.

Though in every inflammation of the time with filmle various and particularly in cold labeleds, calend sea purgis advisable at the commencement; still given to promote subvision, in the first allow, is improper and should not be used, as it would increase the artifical action about your variety, yel when properly used this remady appears to be very officiations. In this

A cortain period of the inflammating allack is to be chosen, when the bounds have been theoroughly cleared and the excitement sourgent in flammating symplecers, in a cortain measure extenses, after election by morning the authority sold plans for a large, the chosens still metgroing way and the admine evanuations of friend of the interestions
then morning with common meth the greatest admits of and not wester
though the taken to cleared, to the extent of producing a slight include
when the survivile or limitering of the groung which I All Williams.

seldon fails to remove the complaint. But this remady or morewry to the extent of producing valivation has not been so offertial in Milting and it only appears to be serviceable in the acute form, when it acts as a jurgative and not when it operates by inducing salivation, "Ment. Popully it is meant whom fore and healthy biliary oraculations were procured, its salutary effects appeared, but when it prematurely salivated repent its action principally on the gums and salivary glands without enulzing a healthy biliary secretion or relaxing the gall duets, no beneficial effects were produced. And sometimes the patient will bear along continuance of the moscurial plan without any affection of the mouth and gradually and insensibly improve under it, the sorenep and tension subsiding, the cough diminishing, the pulse becoming somer, the heat and dryne for yielding to a pleasant moisture of the thin which are prognosties of a favourable your. D.B'a respectable medical practitioner, relates a case of hepatitis which occurred to him with a large lump of the right side which was completely removed under the use of calomel for some time, which however had no effect on the mouth; probably it imulged the liver, restored its secretory functions and sporated on the bowels. It is in recent alluks of papalic com

⁺ Williamy Viewood the Diseases of the United States page 136.



that mercury has the bist effects, where if early and freely used till the mouth be affected, after bleeding, blistering and the free weef lanating Inever saw a case terminate in suppuration 25 Cale to The trans tion of acute hepatic inflammation into a state of resolution is not immediately followed by a healthy condition of that organ, but it remains for a time in debility, disposed to relapse into a chronic state and this probably, the proper time for moreury and by acting as a mild stimulus on the vascular system of the organ, when protracted a sufficient time, it produces effects terminating in health I And it is from the similarity which the E.S. hopatitis bean to this Hate, excepting that it is liable to run into suppuration, as well as to relapse into a chronic form, that the success of mercurial treatment has proceeded "This." And immediately he clearly intimate that the indiscriminate use of mercury during the first inflamma long state, in nothern latitudes is an abuse of the medicine. Its soon as the pain in the side, the heat and fever had been a little abat ad by the use of previous remedies, moreury was immediately used, or sometimes when the ease was very urgant, even when considerable thirst, heat and general fever were present, provid

† Fr Dick of Calcutta, per Saundars on the Liver page 257. Towns days on the Leven page 229. The room on the defluence of Tropical climates page 300

provided the pulse was not hard, the pain in the side somewhat abulador was not very constant & acute: often the patients had trofar gone, before they came under surcare, but when the circum stances whose tolerably favourable we mostly succeeded in curing the disease," Orth. And when it is said J. O. that the early and free we of calomel, has saved many att of blood which must otherwise have been evacuated to alloviate the urgent inflammatory symp time, and that some cases occurred to him lately particularly illus tration of the benefit derived from calemed in all inflammatory officious in which the liver is concerned; then cases had been mixta general break or for pleasing and from bleading, purping blotsering and die phoretics had been given, when, after the failure of these romedies to give consider wable or permanent relief and from other symptoms, the disease near suspected to be horatic, mercury was given in his would form and with his accustomed succeps, of removing the pain and difficulty of buthing. Now in these cases the only ones martioned illustrative of the expets of morecary in his practice, depetation had been previously fand probably from their mistaken nature, powerfully used, and after it had failed to afford considerable relief mercury was used with

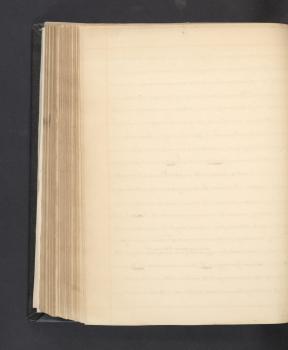
* Hurry, see Saunders on the Liver page 331. * Gurth on the Diseases of India page 100.

succeps. These cases then, only confirm the benefit of calomel after espious deptation; and he says calonel exhibited in his form, 34 yours 46hs, generally proved cathartic and that its good effects were chiefly wing to this fehologogue power; besides, immediately proceeding, he says, the use of calomet is free from the objections against a general mercurial action, as its good effects may be more specially obtained than in any other way but without occasioning any general operalion and consequently without the injury sometimes experienced from mercury carried to this extent alluding possibly to its offseton very feeble and irretable constitutions) and referring to Jaunda, he rays, your practice respecting the use of mescuty when employed a operate on the opstom at large, exactly accords with what Shave said on its general operation and is not to be applied to salomed in its bral operation. Hence it is evident he does not allude to the general operation of morcury for which he acknowledges the noton ought to be prepared agreeable to Sannders, but to calomet in its laaloperation, and with it no doubt depletion was used. And his chief dependence seid was on its acting specifically and being a chola-Joque or evacuant of bile and thus lessening the general distortion

of the liver, hence also the febrile excitment is diminished and thus lef blood was of necessity drawn; valomed does this by a relaxing cover over the confined biliary ducts, for other medicines of far great or calkartic power, are not of equal service and even calonely when it paper very speedely through the bowels is often of little advantage; but by emulging the biliary ducts, is the mode in which chiefly it proves one reful. And the bile executed by dood, is the condense and measure of its salutary operation; often its relaxing power has live africted by pulse antimonialis and especially opium my every son or oftener if the wegenery of the pain render it necessary and thus repeatedly exhibited, the urgent symptoms aboute considerably, many hours before any alvine consum tion takes place, of course before it could be said to act as a cathartic ; and sometimes when no expectation followed, cathartic medicine had to be gover enjo secure the whist gained and empty the liver while under the relaxing in fluence of calomed; and thus to prevent the return of pain and dypnoca. And this local necessial action is not solitary; in the practice of ME of subbing several grains of ealoned daily in the gums, the saliva ry glands were quickly affected and ptogation induced, while the system was so well influenced that the shankers remained the same or if healed



they quickly broke out again. And it is generally admitted that the alterative office of calonal, is not soffictually obtained whom a suddon salwation is induced, as when caloned is more gradually introduced into the system; and phyalism is merely a sign of its general operation . . . From the costison of that usually prevails it soldon is necessary to unite the almed with opium, but when the stomach and bewelvare in a state of morbid irritability and tomake the offset more cortain, as also when the mugh is very districting and presents sleep, a small portion of spium may bissued with it; as calomed grij, io with spil grip or catract of white paper 12 every 3,440, the will be attended with important and salutary effects and allay the irritation. But where the stomach west romely irritable riject o sing overy thing and even calomel and opicem preve to irritating, the continual retching increases the rain and aggravates the dismore, here the but offects may be obtained from calonel, carefully triturated, with time water, converting it into a dark oxyde or Jululae hydrargyri, Query night joined with opining joy every one hour, according to the ungerry of the pain; or hydrargyri 3j, opium, camphor aa 3fs, syrup 1 92. mfe to pills, dase 12 according to the violence of the symptoms; this is much lass irritating than eatomet, is retained with case and allays



the pain retching and violent symptoms of hepatic inflammation When this succeeds in producing a moderate diaphoresis and bile is ovacuated in the stools, the progress is favourable. But as the state perspiratory process savisible and cortain index to the biliary scoretion, so when the surface sconstricted and the stomach will permit, gof of puter antimo should be added to each dase of caloned and opium, these form valuable auxilliarin recolomel, sorthing many uneary sensations of the patient, and determine With surface which is important in this as well as in most other diseases and a first the caloned in its relaxing influence over the biliary ducts . A case of journaire occurred last spring in the Alms House, which did not yield to the more wiral treatment, at least during its exhibition, then minute doses of last emetic were fiven during the day for one days, and this treatment was attened with complete success in removing the sampliced colour of the sken and consequently in removing the extraction asked of such as colour of the lover. The actions of narrow and removing increases secretion of the home contess are improper where bels is secreted in to great quantities it. + Yet when the mildest from of mercury, though guardedly opium and other

go reason on microwy period y memory paid y memory grand y pain, mid ethior distince can not be born, the <u>continent</u> may be victboden, though internal typothistist morney appears mere offetival in mitering the healthy action

⁺ Saunders on the Liver page 176.

of the lover. On should we mish specially to instruce unreceived action, were very may be betty adversed by and internally compleyed. The arresponding and internally confidence more produced the system, to ke by finition, outdoing a small guardity of internal conjunity to option on the right ride, in profession to transport most betty apoid to a option of the good to be finitely affected by the best of the good to the part by friction, thereby a finite and to consider the behavior of the part by friction, thereby a finite and to make the part the part of the part provided the office on the general system to equally them, or matter what part part be choose.

Spubling the mannery on the print gives pain or necessary to take patient; to make many bearing to alread to the grown article a slight degree of solvial in a way bearing office on the constitution are presented; by their inconstitution willing and haveling to may generally be desposed; wing 3 ps. of walter and to should a stay of the most solvial of the most solv

Albertain remaining deminish ; no fover be reproduced and the disease. yield readily, a short source of moreury will be sufficient, say for 8.18 days And as soon as a brafy taste is perceived in the mouth, a more wial forten in the breath or a springy redness of the gume, the medicine should general. by be discontinued for a while or given in small quantities every 1,2 rights, to present plyalism which in this dimate at least , is often unnewhary. But if it does not readily gisted and sometimes, the disposition to terminale in scientus or diseased structure, is very great and can not be resisted by a moderate more urial action, here instead of a change of the pulse and tondernose of the mouth, produce a gentle valivation which continued for 5, 6 weeks and then gradually laid side, giving it mly once every 2,3 nights, generally will offeet a sure. And Just speak ing of the offe of more very opium and continuousles in tropical climate says, the scoretion of healthy bile the flow of salina and a gentle perspiration, were synchronous effects of the medicine and indications of approaching every but it was need pary temaintain these effects by smaller dose, till evor y symptom of the disease had vanished, a clear countenance, keen appe the and regular bonds had returned and health and strength had completely been restored.

Thurson on the Influence of Tropical dimates page 286.

If there be considerable difficulty in introducing moreury into the system here for the invention parts having the first cuties or where the cuties has been removed by a blistor. In hot elimates, whom the liver is fast verying resuppuration, such is the torpor of the lackals and lymphatics, that there is great difficulty in introducing a sufficient quantity of mercury to saturate the system and affect the mouth, by the largest doses internally and to feedures inunction; There often been able to prognesticate the difficulty that would be experienced in produring physlism, by observing the appetites of the absorbants on the surface, while Wije frintment were rubbed on the thigh or arm " Thus. " In India chief reliance is placed on this romedy and it is often catabilities on much larger doses, than seem advisable in more temperate climes. I have myself taken gases calomed 3 a a day without the slightest inconvenience from the quantity; large deresphere) sit easier in the stomach and give less inritation to the brovels than small ones Thus. But There known bad offects from the vistent operation of mercury, as exceptive debility, which, though

of plagen Oleh.

Manuser the mercurial proparations are indicated, the nites—

munatic acid wall beneful and where mercury is highly injurous

at first the disease has been removed, I suppose, has often laid the foundation

⁺ Johnson on the Influence of Tropical dimates page 288.

from delicacy or peculiarity of constitution or from other causes, the nition muracial will be safe and advantageous There the puter is quick and such inflammatary tendency Think it would be injurious homeour Ithink I nover saw a case of acute hopalitis that did not, at the commencement or som after partake of the chronic. Where the rish of absceps is great the acid alone should not be trusted, but though insufficient itself, it greatly aids the use of mercury in preventing a termination so la montable Set. Tomolimes after morning harbeen used and salivation induced and there still remains semething of the complaint; milion acid comes in very well and will often remove the remains of the disease, gloom in 19t water, at first, during the day. E. Adeque of staily generally succeeds the exhibition of this medicine and the oure of the disease, from the renowed energy communicated to the digestive organs On ontering upon a course of mercury, about 3i of a slight infusion of some bitter, as qua fria orgentian, should be given 30 a day, to which may be added sufficient nestalts to procure an evacuation every 12 days. And by degrees the diet may be improved, as the improvement of the ... constitution and digestive organs will admit by the addition of animal boths, light animal food and that best suited, is such as is attorneant

West on the Unif Nitrominatic aid see Medical Recorder Voltot-Na. 1 page 88889.

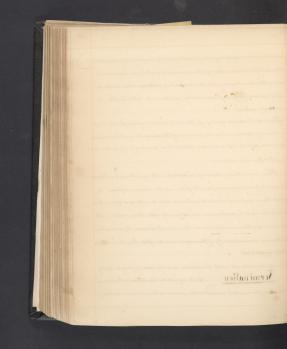
nativations and easy of oligibiling avoiding independed and greasy outs. Hencey still overnambering, the diverdented by the midward and including after convertemence has been established, theorem then will be a val of superstanding in flammating excitement, before health, he perfectly retired.

If when the discuss is going off, the head patient refuse further help or of tunely breatment for the remains of the discore he magleted schemic discretion will be left and prove extremely at speciel of euro particularby swireline inche values.

When majurither gallemench is burned in the eye, the pale yellemen waven extrem disappears from the foogament the wine and faces recover their material appearances and there is nepair or appearance about the right hypechendrium, opposedly after eating whiting the something of the right hypechendrium, opposedly after eating whiting the server than aund exercise, the wave women than aund exercise, the wave women plats and more expecially if for several mechos of the three base return of the complaint.

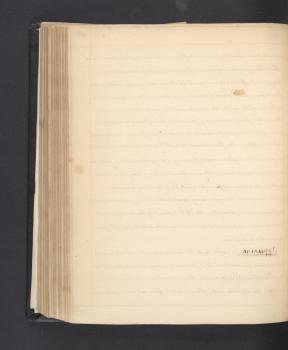
In winter patients with this disease denot generally fore is well.

Sommination South hypototes like other inflammations and forminate in resolution, supportation, promoutation of



tymph and adhesion, chronic inflammation, gangrene or sirrhuis Men the symptoms of active inflammation have been specked, though not offectually removed by the antiphologistic practice, the disease frequently becomes chronic and terminates in scirrhous in duration of the organ; the countenance has a peculiar sallownof, though not the appearance of journaice, expressive of a mortid condition of the liver, with indedence and want of action in the sircu lating system. In this diseased state the liver first becomes swelled and hard but afterwards a furning a clay coloured hue becomes diminished in sine with some diminution of weight and compart in the advanced periods, agreable to the laws of absorption. And this state of the organ may exist without any previously active inflammation, especially in the E8 W. Indies, or by the abuse of ardent spirits; when confirmed it is unmanageable and the patient often languishes a long time.

Apparance after death, "To had similars round lover a ready blown pooled of facilities the M. If it of face much colleged and had been a love to be blown on the college of the main branes touch, college more deep propple than existent and the main branes more deep facilities with influent makes, of the existence additional more or by a final with influent makes, of the existence additional

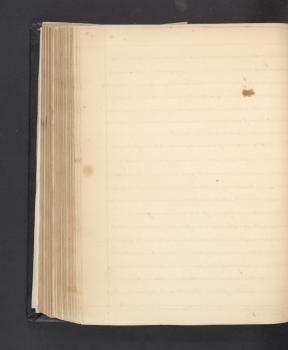


to the mightonering partie and simultance large about parametering pior and formed in its substance; another believe being general in a four instance. He love has been found in a publish state, we making brouge could independ only problems by the problems of the problems in the state of the properties in the state of the properties in the state of the properties of the state of the state of the properties of the state of the sta

When interes or consistent from one empirical with an affection of the boars, so every a confirm of the from most encouraged increase the bision does not their again land to increase the from if the pain in the side should be included by the board of the pain in the side should be identified by particularly throw so can wraphible by back are not unreasely the back are not unreasely the back are not unreasely actionably. He time and climate and processed the back are now to be to be absorbed them. The effects of the filter to account of the back through the back to be absorbed than the effects of the filter to account on the second of the second of the filter to account on the second of the s

Amatimes the same love with he sufficiency in me past from all the equiptions of active inflammation, even proceeding he active in frequent-justion, which it is invenible, or largest and inactive in tensible. It is invenible, or largest and inactive in tension. It is it is expected by this mixed state of storage general, which response them sing relately changes the and almost included by symptome so frequently related provinced in highest affections. Here the acids frequently partyle

* Van Societario Commentaries on Poverhaure's apportunes, page



of the nature of chronic hopatitis. Mm Ashmead

